

**Quality of Service (QoS) Scheduling for Packet Switched, In Particular
GPRS/EGPRS, Data Services**

Abstract of the Disclosure

5 A method and devices are disclosed for improving in a multi-layer packet
switching network or system quality of service (QoS) scheduling having a rate-
conserving scheduling functionality based on two scheduling layers operating on two
granularities in protocol data units of at least one incoming data flow. The method
maintains QoS requirements and determines a service order for the protocol data
10 units by an upper scheduling layer, implementing packet switching based on
constraints provided by the lower scheduler layer, selecting service ordered protocol
data units on demand by the lower scheduling layer in dependence on these
constraints for efficiently allocating timeslots for the data flows, and serving the
selected protocol data units by the lower scheduling layer.